

During the fabrication of the gear motor, one first fits the joint 30 to the core 4 via lugs 40 making up the temporary fixation means. One can then manipulate, store or transport the core and the joint as one piece. One then returns the base 6 in order to interpose the joint between the base and the core. One fixes these three elements by screwing screws 50 crossing the tabs 26 of the core and of the joint and taken with the tabs 26 of the base. The screws 50 make up the definitive fixation means. One will note that the lugs 40 can reside snapped onto the core on the gear motor in its final state.

The joint 30 has, in its wall, orifices 52 at the base of the respective lugs 40 in order to allow the introduction of a screwing tool to remove each lug from the core if the separation from the joint and from the core is necessary at one moment or another.

One can put in place the characteristics relative to the temporary fixation of the joint 30 to one of the core and the base and/or the stops 44, independent of the presence of the metallic elements 46 in the joint.

Claims

1. Motor vehicle wiper gear motor, comprising a core motor (4) and a reduction gear base (6), the core and the base having metal parts, characterized by comprising a joint (30) interposed between the core (4) and the base (6), the joint comprising a sealing material and at least a metal element (46) in contact with metal parts of the core and the base.
2. Gear motor according to claim 1, characterized by having a fixation orifice (36) adjoining the metal element (46).
3. Gear motor according to claim 1 or 2, characterized by the metal element (46) being embedded in the sealing material.
4. Gear motor according to one of claims 1 to 3, characterized by there being two metal elements (46) and they are disjointed.
5. Gear motor according to one of claims 1 to 4, characterized by comprising definitive fixation means (50) of the joint (30) to the gear motor, and in addition the temporary fixation means (40) of the joint (30) to one of the core (4) or the base (6).
6. Gear motor according to claim 5, characterized by the temporary fixation means containing, notably on the joint (30), at least a clipping lug (40).
7. Gear motor according to claim 6, characterized by having an access orifice (52) in the lug (40) in order to remove the temporary fixation means.
8. Gear motor according to one of claims 1 to 7, characterized by comprising the fixation means (40, 50) of the joint (30) to the gear motor, and in addition the stop means (44) for the angular positioning of the joint (30) in relation to the gear motor around an axis (20) of the gear motor.



g to one of claims 1 to 8, characterized by one of either
cal sector (28), the joint having an opening (34) able to
projecting in the opening.

g to one of claims 1 to 9, characterized by the joint m

ess of a gear motor to one of claims 5 to 7, character

of either the core (4) or the base (6) thanks to the ter

other (6) between the core and the base; and

t, the core, and the base thanks to the definitive fixation

motor to on
core (4) or t

- fixing the joint (30) to one (4) of either the core (4) or the base (6) thanks to the temporary fixation means (40);
- returning the joint (30) to the other (6) between the core and the base; and
- fixation between them the joint, the core, and the base thanks to the definitive fixation means (50).

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